Amendments to the Specification:

Please replace paragraph [0029] with the following:

[0029] Figs. 8 through ~~11~~ 10 illustrate a flowchart outlining one exemplary embodiment of a process for computationally canceling moire according to this invention.

Please replace paragraph [0094] with the following:

[0094] One exemplary embodiment of a method according to this invention is outlined in the flowchart of Figs. 8-~~11~~ 10. Control starts in step S1000 and proceeds to step S1010, where the moire vector sum which lands nearest the origin without actually hitting the origin is found, the moire sampling functions values are obtained, and the moire phase angles are divided into zones for a number of intensity levels in the halftoner 200. For example a complete 360° cycle of moire phase angles may be divided into 12 zones of 30° each of moire phase angle. Other parameters which are used in determining this moiré profile are the halftone screen frequency, the halftone screen angle ϕ, the halftone screen phase ρ, the number of grayscale levels g_l, the number of addressability units in the halftone A_f, the number of facets per inch or the number of halftone dots per inch dp, and the modulus m, which is the number of bits used for a and y addressing in a halftone screen cell.